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Comments:

105-10-10400
Stream 105-10-40

The intertidal area is split into two small channels about 40 yards apart. Fair spawning habitat is present in the upper intertidal area.

The split channel continues upstream above the tree line for 70 yards before merging. Both channels display gravel substrates which are scoured. The stream banks are undercut and unstable. The south fork has a large quantity of organic debris.

Above the confluence, the gradient continues to increase. Many large windfalls are present making walking difficult. The stream alternates between 3 foot to six foot bedrock falls and debris jams and small rubble riffle areas. Scouring is rather severe. The survey was ended approximately .4 mile upstream due to steep terrain and absence of fish.

Stream No. 105-10-40 Tide Stage Flood

Latitude 56° 05' 20" 27" Longitude 134° 09' 00" 03"

from USGS markers 2.5 miles W of Marble Marker, 2 miles NW of Lemon Point Rock

Watershed 352 acres Length of stream 1 mile

Lake systems None

	Upper Intertidal 1	
Width:	2 Chn.=20'	25'
width-depth of flow:	6'x8"	8'x6"
gradient (%):	.5%	6%
Exposed bedrock:	0%	3%
Large boulder (3'+dia.):	0%	2%
Small boulder (1' - 3'):	0%	5%
Large rubble (6" - 12"):	0%	30%
Small rubble (3" - 6"):	10%	25%
Coarse gravel (1" - 3"):	50%	20%
Fine gravel (<1"):	30%	10%
Sand, silt, clay, muck:	10%	5%
fraction of gravels:	3.0	2.5
temperature of water/air:		51°F/58°F
ice cover:		1
turbidity:		1/1
		7.8
estimated discharge:		4 cfs
stream vegetation/density:	3/3	1/3 3/3
stream organic debris and cover:	4.0	2.0
density of canopy and species:	4.0	2 hemlock 2 spruce
scour/riffle ratio:		20/80
channel size:		3
channel depth:		1'-2'
upper bank height & composition:	mud-gravel	bedrock
upper bank stability:	6"-1'	10'-30'
fish species:	none	5
abundance:	seen	20
visual survey notes:	good	difficult
quality of rearing habitat:		3.5
available spawning area (ASA):	20%	10%

105-10-10400

ADF&G Anadromous Stream No. 105-10-40

Map: Port Alexander A-
Lat: 56° 05' 27"
Long: 134° 09' 08"

Water source: Surface runoff.

Schooling areas: Estuary - Port McArthur.

Shellfish potential: Flood tide.

Land use at present: None

History of land use: None

Anchorage: Good in Port McArthur except exposed to SE.

Sport fish potential: Very little sport fish potential.

Trails and survey routes: No trails - stream course is fairly difficult to walk
due to large logs.

Spawning escapement data:

No ADF&G spawning escapement data available.

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105-10-10400

numerous large windfall

several 3-6' debris jams

abundant instream debris braiding

reach

-42

not surveyed

intertidal zone

reach

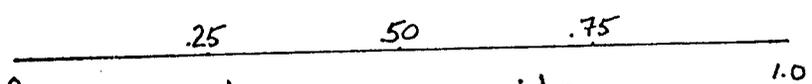
very steep

PORT
MCARTHUR

KUIU
ISLAND

1000'

500'



scale - one mile